```
(FILE 'HOME' ENTERED AT 18:15:55 ON 29 SEP 2006)
     FILE 'REGISTRY' ENTERED AT 18:16:44 ON 29 SEP 2006
L1
                SCREEN 964 AND 1006
L2
                STRUCTURE UPLOADED
L3
                QUE L2 AND L1
              0 S L3 FUL
L4
                SCREEN 964 AND 1006
L5
L6
                STRUCTURE UPLOADED
L7
                QUE L6 AND L5
             25 S L7 FUL
L8
     FILE 'CAPLUS' ENTERED AT 18:19:01 ON 29 SEP 2006
L9
              4 S L8
     FILE 'REGISTRY' ENTERED AT 18:27:32 ON 29 SEP 2006
L10
                SCREEN 964 AND 1006 AND 1051
L11
                STRUCTURE UPLOADED
L12
                QUE L11 AND L10
L13
             28 S L12 FUL
     FILE 'CAPLUS' ENTERED AT 18:33:32 ON 29 SEP 2006
L14
              5 S L13
L15
              1 S L14 NOT L9
L16
              5 S L14 OR L9
     FILE 'REGISTRY' ENTERED AT 18:38:36 ON 29 SEP 2006
L17
                SCREEN 964 AND 1006 AND 1051
L18
                STRUCTURE UPLOADED
L19
                QUE L18 AND L17
              2 S L19 FUL
L20 -
L21
                SCREEN 964 AND 1006 AND 1051
L22
                STRUCTURE UPLOADED
L23
                QUE L22 AND L21
L24
              2 S L23 FUL
     FILE 'CAPLUS' ENTERED AT 18:39:50 ON 29 SEP 2006
L25
             13 S L20 FUL
L26
             13 S L24 FUL
L27
             13 S L25 OR L26
     FILE 'REGISTRY' ENTERED AT 18:47:55 ON 29 SEP 2006
L28
                SCREEN 965 AND 1006 AND 1051
L29
                STRUCTURE UPLOADED
L30
                QUE L29 AND L28
              0 S L30 FUL
L31
L32
                SCREEN 964 AND 1006 AND 1051
L33
                STRUCTURE UPLOADED
L34
                QUE L33 AND L32
L35
              1 S L34 FUL
                SCREEN 964 AND 1006 AND 1051
L36
                STRUCTURE UPLOADED
L37
                OUE L37 AND L36
L38
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L39 1 S L38 FUL

FILE 'CAPLUS' ENTERED AT 18:49:29 ON 29 SEP 2006

L40 4 S L35 L41 9 S L39

=> d 141 tot ibib abs

L41 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2006:577785 CAPLUS

DOCUMENT NUMBER: 145:62881

TITLE: Preparation of 5-thiazolecarboxamides as

agrochemical

fungicides

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,

Joerg Nico;
Hartmann, Benoit; Gayer, Herbert; Seitz,

Thomas;

Wachendorff-Neumann, Ulrike; Dahmen, Peter;

Kuck,

Karl-Heinz

PATENT ASSIGNEE(S): Bayer Cropscience A.-G., Germany

SOURCE: PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DOCUMENT TYPE: LANGUAGE: Patent German

FAMILY ACC. NUM. COUNT: 1

PATENT NO. DATE	KIND DATE	APPLICATION NO.
wo 2006061215 20051208	A2 20060615	WO 2005-EP13140
W: AE, AG, AL,	AM, AT, AU, AZ,	BA, BB, BG, BR, BW, BY, BZ,
CA, CH, CN, CO, CR, GB, GD,	CU, CZ, DE, DK,	DM, DZ, EC, EE, EG, ES, FI,
GE, GH, GM,	HR, HU, ID, IL,	IN, IS, JP, KE, KG, KM, KN,
	LR, LS, LT, LU,	LV, LY, MA, MD, MG, MK, MN,
MW, MX, MZ, NA, NG,	NI, NO, NZ, OM,	PG, PH, PL, PT, RO, RU, SC,
SD, SE,	SM SY TI TM	TN, TR, TT, TZ, UA, UG, US,
UZ, VC,		111, 11, 12, 04, 00, 05,
	•	DK, EE, ES, FI, FR, GB, GR,
HU, IE, IS. IT. LT.	LU. LV. MC. NL.	PL, PT, RO, SE, SI, SK, TR,
BF, BJ,		GW, ML, MR, NE, SN, TD, TG,
BW, GH,	•	,

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,

AZ, BY,

KG, KZ, MD, RU, TJ, TM

DE 102004059725 A1 20060622 DE 2004-102004059725

20041211

PRIORITY APPLN. INFO.:

DE 2004-102004059725A

20041211

OTHER SOURCE(S):

MARPAT 145:62881

GI

I.

II

AB Title compds. I [Y = (CH2)s; s = 1-2; X = CR3R4R5, etc.; R1 = H, alkyl,

alkylsulfinyl, etc.; L = L1, L2; L1 = F, CL, alkyl, etc.; L2 = F, CL.

alkyl, etc.; R2 = H, halo, alkyl, etc.; R3, R4, R5 = halo, alkyl, haloalkyl, etc.] were prepared For example, coupling of thiazol-5-carboxylic acid and

2-(1,3-dimethylbutyl)cyclohexanamine

afforded thiazolecarboxamide II in 39% yield. In podosphaera apple

protection assays, 4-examples of compds. I at 100 g/ha exhibited protection after 10-days.

L41 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 AG

L41 ANSWER 2 OF 9 CAPLUS COPYRIGHT 2006 ACS ON STN ACCESSION NUMBER: 2005:823684 CAPLUS

DOCUMENT NUMBER:

143:229713

TITLE:

Preparation of thienyl-3-carboxamides and

related

compounds as microbicides

INVENTOR(S):

Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,

Joerg Nico;

Hartmann, Benoit; Dahmen, Peter; Kuck,

Karl-Heinz;

Wachendorff-Neumann, Ulrike

PATENT ASSIGNEE(S):

Bayer CropScience Aktiengesellschaft, Germany

PCT Int. Appl., 123 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

SOURCE:

German

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PATENT NO. DATE	KIND DAT	E APPL	ICATION NO.
 wo 2005075452 20050122	A1 200	50818 wo 2	005-EP629
W: AE, AG, AL,	AM, AT, AU	, AZ, BA, BB,	BG, BR, BW, BY, BZ,
CA, CH, CN, CO, CR, GB, GD,	CU, CZ, DE	, DK, DM, DZ,	EC, EE, EG, ES, FI,
GE, GH, GM,	HR, HU, ID	, IL, IN, IS,	JP, KE, KG, KP, KR,
	LT, LU, LV	, MA, MD, MG,	MK, MN, MW, MX, MZ,
	PG, PH, PL	, PT, RO, RU,	SC, SD, SE, SG, SK,
	TR, TT, TZ	, UA, UG, US,	UZ, VC, VN, YU, ZA,
	KE, LS, MW	, MZ, NA, SD,	SL, SZ, TZ, UG, ZM,
	KZ, MD, RU	, TJ, TM, AT,	BE, BG, CH, CY, CZ,
	FR, GB, GR	, HU, IE, IS,	IT, LT, LU, MC, NL,
	SK, TR, BF	, BJ, CF, CG,	CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, DE 102004005785	TD, TG A1 200	50825 DE 2	004-102004005785
20040206 PRIORITY APPLN. INFO.: 20040206		DE 2	004-102004005785A
	MARPAT 143	:229713	

$$A$$
 $CO-N$
 R
 Z
 I
 H_2N
 CH_3
 CH_3
 CH_3

II

III

Title compds. I [A = 0, S; X = halo; R = H, alkyl,

alkylsulfinyl, etc.; Z

= Z1, Z2, Z3, Z4; Z1 = (un)substituted phenyl; Z2 = cycloalkyl, bicycloalkyl; Z3 = (un)substituted alkyl; Z4 = halo, alkylthio, alkylsulfinyl, etc.; M = Ph, thiophenyl, pyridinyl, etc.] were prepared For

example, coupling of phenylamine II and 2-iodothioen-3-carboxylic acid

afforded thienylcarboxamide III in 21% yield. In apple ventuinaequalis protection assays, 37-examples of compds. I at 100 In apple venturia g/ha (sic).

exhibited 89-100% protection after 10-days.

THERE ARE 14 CITED REFERENCES 14 REFERENCE COUNT:

AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

2005:409484 ACCESSION NUMBER: CAPLUS

DOCUMENT NUMBER: 142:463761

Preparation of pyrazolylcarboxanilides and TITLE:

related

compounds as microbicide agents

Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, INVENTOR(S):

Joerg Nico;

Hartmann, Benoit; Wachendorff-Neumann,

Ulrike: Dahmen.

Peter; Kuck, Karl-Heinz

Bayer Cropscience Aktiengesellschaft, Germany PATENT ASSIGNEE(S):

PCT Int. Appl., 84 pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent German LANGUAGE:

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PATENT NO. DATE	KIND DATE	APPLICATION NO.
	A1 20050512	wo 2004-EP11394
20041012 W: AE, AG, AL,	AM, AT, AU, AZ,	BA, BB, BG, BR, BW, BY, BZ
CA, CH, CN, CO, CR,	CU, CZ, DE, DK,	DM, DZ, EC, EE, EG, ES, FI
GB, GD, GE, GH, GM,	HR, HU, ID, IL,	IN, IS, JP, KE, KG, KP, KR
KZ, LC,		MD, MG, MK, MN, MW, MX, MZ
NA, NI,		RO, RU, SC, SD, SE, SG, SK
SL, SY,		UG, US, UZ, VC, VN, YU, ZA
ZM, ZW		
ZW, AM,		NA, SD, SL, SZ, TZ, UG, ZM
DE, DK,		TM, AT, BE, BG, CH, CY, CZ
EE, ES, FI, RO, SE,	FR, GB, GR, HU,	IE, IT, LU, MC, NL, PL, PT
SI, SK, TR, MR, NE,	BF, BJ, CF, CG,	CI, CM, GA, GN, GQ, GW, ML
SN, TD, TG DE 10349502 20031023	A1 20050525	DE 2003-10349502
AU 2004285633	A1 20050512	AU 2004-285633
20041012 CA 2543050	AA 20050512	CA 2004-2543050
20041012 EP 1678141	A1 20060712	EP 2004-765931
20041012 R: AT, BE, CH,	DE, DK, ES, FR,	GB, GR, IT, LI, LU, NL, SE
MC, PT,		CZ, EE, HU, PL, SK
PRIORITY APPLN. INFO.: 20031023	, ci, ik, bd,	DE 2003-10349502 A
20041012		WO 2004-EP11394 W
OTHER SOURCE(S): GI	MARPAT 142:46376	61

A-CO-N

$$R^{1}$$
 R^{2}
 $R^$

AB Title compds. I [A = substituted pyrazoles, thioles, pyridines, etc.; R1 =

H, alkyl, alkylsulfinyl, etc.; R2 = H, F, Cl, etc.] were prepared For

example, N-acylation of 2-(1,3-dimethylbutyl)phenylamine with acid

chloride II afforded pyrazolylcarboxanilide III in 70% yield. In venturia

apple protection assays, 12-examples of compds. I exhibited 88-100%

efficiency at 100 g/ha (sic) application. Compds. I are claimed to be

useful for the controlling of undesired microorganisms.

REFERENCE COUNT:

THERE ARE 5 CITED REFERENCES AVAILABLE

FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2005:409472 CAPLUS

DOCUMENT NUMBER:

142:463760

TITLE:

Preparation of

5-fluoro-1-methyl-3-1H-pyrazoles as

microbicide agents

INVENTOR(S):

Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,

Joerg Nico;

Hartmann, Benoit; Wachendorff-Neumann,

Ulrike; Dahmen,

Peter; Kuck, Karl-Heinz

PATENT ASSIGNEE(S):

Bayer Cropscience Aktiengesellschaft, Germany

SOURCE:

PCT Int. Appl., 47 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

German

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT NO. DATE	KIND DATE	APPLICATION NO.
wo 2005042480	A2 20050512	WO 2004-EP11396
20041012 WO 2005042480	A3 20050721	
		BA, BB, BG, BR, BW, BY, BZ,
	CU, CZ, DE, DK,	DM, DZ, EC, EE, EG, ES, FI,
•	HR, HU, ID, IL,	IN, IS, JP, KE, KG, KP, KR,
	LT, LU, LV, MA,	MD, MG, MK, MN, MW, MX, MZ,
NO, NZ, OM,	PG, PH, PL, PT,	RO, RU, SC, SD, SE, SG, SK,
	TR, TT, TZ, UA,	UG, US, UZ, VC, VN, YU, ZA,
	KE, LS, MW, MZ,	NA, SD, SL, SZ, TZ, UG, ZM,
· · · · · · · · · · · · · · · · · · ·	KZ, MD, RU, TJ,	TM, AT, BE, BG, CH, CY, CZ,
	FR, GB, GR, HU,	IE, IT, LU, MC, NL, PL, PT,
RO, SE, SI, SK, TR,	BF, BJ, CF, CG,	CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG		
DE 10349497 20031023	A1 20050525	DE 2003-10349497
AU 2004285634 20041012	A1 20050512	AU 2004-285634
CA 2543051 20041012	AA 20050512	CA 2004-2543051
EP 1678143	A2 20060712	EP 2004-790292
	DE, DK, ES, FR,	GB, GR, IT, LI, LU, NL, SE,
	RO, CY, TR, BG,	CZ, EE, HU, PL, SK
PRIORITY APPLN. INFO.: 20031023		DE 2003-10349497 A
20041012 OTHER SOURCE(S): GI	MARPAT 142:46376	WO 2004-EP11396 W

Title compds. I [R1 = CH3, CF3, CF2H; R2 = H, F, Cl, etc.; R3 =AB H, halo.

alkyl, etc.; R4 = alkyl, alkylsulfinyl, alkylsulfonyl, etc.] were prepared

Ι

For example, N-acetylation of amide II (R4 = H), afforded pyrazolylcarboxanilide II (R4 = COCH3) in 55% yield. In venturia apple

protection assays, 2-examples of compds. I exhibited 100% efficiency at

100 g/ha (sic) application. Compds. I are claimed to be useful for the controlling of undesired microorganisms.

L41 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN ACCESSION NUMBER: 2004:36643 CAPLUS

DOCUMENT NUMBER:

140:76907

TITLE: Preparation of phenylbenzamides as

agricultural

funaicides

INVENTOR(S): Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel,

Ralf: Reinecke, Paul; Wachendorff-Neumann, Ulrike; Mauler-Machnik, Astrid; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer CropScience AG, Germany

Ger. Offen., 20 pp. SOURCE:

CODEN: GWXXBX

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT:

10/518,446

PATENT NO.	KIND DATE	APPLICATION NO.
DATE		
DE 10229595	A1 20040115	DE 2002-10229595
20020702 CA 2491368	AA 20040115	CA 2003-2491368
20030620 WO 2004005242	A1 20040115	WO 2003-EP6512
20030620		
W: AE, AG, AL CH, CN,	, AM, AI, AU, AZ,	BA, BB, BG, BR, BY, BZ, CA,
	, CZ, DE, DK, DM,	DZ, EC, EE, ES, FI, GB, GD,
GM, HR, HU	, ID, IL, IN, IS,	JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU	. LV, MA, MD, MG.	MK, MN, MW, MX, MZ, NI, NO,
NZ, OM,		
TN, TR,		SD, SE, SG, SK, SL, TJ, TM,
		VN, YU, ZA, ZM, ZW SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY,		
EE, ES,	, KU, IJ, IM, AI,	BE, BG, CH, CY, CZ, DE, DK,
FI, FR, GB SK, TR,	, GR, HU, IE, IT,	LU, MC, NL, PT, RO, SE, SI,
BF, BJ, CF	, CG, CI, CM, GA,	GN, GQ , GW , ML , MR , NE , SN ,
TD, TG AU 2003245975	A1 20040123	AU 2003-245975
20030620 EP 1519913	A1 20050406	EP 2003-738073
20030620		
R: AI, BE, CH MC, PT,	, DE, DK, ES, FR,	GB, GR, IT, LI, LU, NL, SE,
IE, SI, LT	, LV, FI, RO, MK,	CY, AL, TR, BG, CZ, EE, HU,
BR 2003012407	A 20050426	BR 2003-12407
20030620 CN 1678567	A 20051005	CN 2003-820812
20030620 JP 2006503809	T2 20060202	JP 2004-518548
20030620		
US 2006211771 20050920	A1 20060921	us 2005-518446
PRIORITY APPLN. INFO.: 20020702		DE 2002-10229595 A
		WO 2003-EP6512 W
20030620 OTHER SOURCE(S): GI	MARPAT 140:76907	7

Title compds. [I; R1 = CF3, Cl, Br, I; R2 = H, Me], were

prepared Thus, a

suspension of K2CO3 and MeCN was dropwise treated with 2-(1,3-dimethylbutyl)phenylamine (preparation given) and 2-(trifluoromethyl)benzoyl chloride followed by stirring for 10 h to give 46%

N-[2-(1,3-dimethylbutyl)phenyl]-2-(trifluoromethyl)benzamide. The latter at 100 g/ha gave 100% control of Sphaerotheca fuliginea.

ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2002:927408 CAPLUS

DOCUMENT NUMBER:

138:14057

TITLE:

Preparation of substituted anilide

derivatives as

INVENTOR(S):

agricultural and horticultural chemicals Furuya, Takashi; Yamaquchi, Minoru; Tohnishi,

Masanori; Seo, Akira; Morimoto, Masayuki;

Takemoto.

PATENT ASSIGNEE(S):

Tsuyoshi; Fujioka, Shinsuke Nihon Nohyaku Co., Ltd., Japan

SOURCE:

PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

Japanese

FAMILY ACC. NUM. COUNT:

1

PATENT NO. DATE	KIND	DATE	APPLICATION NO).
wo 2002096882 20020530	A1	20021205	WO 2002-JP5285	5
W: AE, AG, AL,	AM, AT	, AU, AZ, BA	A, BB, BG, BR, E	BY, BZ, CA,
	CZ, DE	, DK, DM, DZ	Z, EC, EE, ES, F	FI, GB, GD,
GE, GH, GM, HR, HU,	ID, IL	, IN, IS, KE	E, KG, KR, KZ, L	_C, LK, LR,
LS, LT, LU. LV. MA.	MD, MG	, MK, MN, MW	V, MX, MZ, NO, N	NZ. OM. PH.
PL, PT,	·		, TJ, TM, TN, T	
UA, UG,	<i>5</i> L, <i>5</i> d	, 51, 51, 51	-, 12, 114, 114, 1	11, 11, 12,

US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG CA 2447640 20021205 CA 2002-2447640 AA 20020530 JP 2003048878 A2 20030221 JP 2002-157757 20020530 **A1** EP 1400516 20040324 EP 2002-730796 20020530 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR BR 2002009726 20040420 BR 2002-9726 20020530 CN 1512986 20040714 CN 2002-810844 Α 20020530 C2 RU 2266285 20051220 RU 2003-134631 20020530 ZA 2003008813 20041123 ZA 2003-8813 Α 20031112 20040617 US 2004116744 Α1 US 2003-478834 20031126 PRIORITY APPLN. INFO.: JP 2001-164787 Α 20010531 WO 2002-JP5285 20020530 OTHER SOURCE(S): MARPAT 138:14057 GI

AB The title compds. I [R1 is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the

like; A is (CR2R3)p; R2 is hydrogen, halogeno, or C1-6 haloalkyl; R3 is

hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is an integer

of 0 to 6; when p is 0, X is C2-8 alkyl, C1-8 alkoxy, or the like, while

when p is 1, X is halogeno, cyano, or the like; n is an integer of 1 to 4;

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10/518,446
     Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared
Aniline
     intermediates for I are disclosed. I are useful as insecticides.
     acaricides, and fungicides. Compds. of this invention at 500
ppm gave
     ≥ 90% control of Tetranychus urticae.
REFERENCE COUNT:
                                 THERE ARE 2 CITED REFERENCES AVAILABLE
FOR THIS
                                 RECORD. ALL CITATIONS AVAILABLE IN THE
RE FORMAT
L41 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN
                           2002:368451 CAPLUS
ACCESSION NUMBER:
                           136:369602
DOCUMENT NUMBER:
                           Preparation of pyrrolecarboxamides and pyrrolecarbothioamides as agrochemical
TITLE:
funaicides
INVENTOR(S):
                           Walter, Harald
```

PATENT ASSIGNEE(S):

Syngenta Participations A.-G., Switz.

SOURCE:

PCT Int. Appl., 66 pp. CODEN: PIXXD2

DOCUMENT TYPE:

Patent

LANGUAGE:

English 1

FAMILY ACC. NUM. COUNT:

PATENT NO.	KIND DATE	APPLICATION NO.
DATE		
WO 2002038542 20011106	A1 20020516	WO 2001-EP12830
W: AE, AG, AL, CH, CN,	, AM, AT, AU, AZ,	BA, BB, BG, BR, BY, BZ, CA,
CO, CR, CU,	, CZ, DE, DK, DM,	DZ, EC, EE, ES, FI, GB, GD,
GE, GH, GM. HR. HU.	ID. IL. IN. IS.	JP, KE, KG, KP, KR, KZ, LC,
LK, LR,		
PH, PL,		MK, MN, MW, MX, MZ, NO, NZ,
PT, RO, RU, UA, UG,	SD, SE, SG, SI,	SK, SL, TJ, TM, TR, TT, TZ,
US, UZ, VN,	YU, ZA, ZW	
RW: GH, GM, KE, CH, CY,	LS, MW, MZ, SD,	SL, SZ, TZ, UG, ZW, AT, BE,
	FI, FR, GB, GR,	IE, IT, LU, MC, NL, PT, SE,
BJ, CF, CG,	CI, CM, GA, GN,	GQ, GW, ML, MR, NE, SN, TD,
TG CA 2426033	AA 20020516	CA 2001-2426033
20011106	701 20020320	C/C 2001 2 120033
AU 2002023668 20011106	A5 20020521	AU 2002-23668
EP 1341757	A1 20030910	EP 2001-993599
20011106		

EP	1341	757			в1		2006	0920							
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR	, IT	, LI,	LU,	NL,	SE,
MC, PT,															
	2001	IE,			LV,										
	2001	01520	J 0		Α		2004	0217	E	BR	2001	-1520	00		
2001110		2					2004	0420			2001	1177)		
2001110	2312	2			Α		2004	0428		EG	2001	-1173			
	2004	51316	63		Т2		2004	0430		7 D	2002	-5410	78		
2001110		J	55		12		2004	0430	-	<i>.</i> .	2002	3410	770		
	2003	0030	12		Α		2004	0520	7	ZA	2003	-3012	•		
2003041	6														
	2005	11913	30		A1		2005	0602	l	US	2003	-4162	19		
2003090					_										
	7105				B2			0912							
	2006	T886	/6		A1		2006	0824	ι	US	2006	-3807	35		
2006042 PRIORIT		I NI D	CNICO						,	CD	2000	2720	. 4		
2000110		LIN. J	LINFU	• •					(GB	2000	-2728	4	P	4
2000110	o .								(GR	2000	-3026	SR	A	
2000121	2								`	GD	2000	3020	,0		`
	_								ν	ΝO	2001	-EP12	830	٧	V
2001110	6														
									ι	US	2003	-4162	19	A	٧3
2003090		/ - >							_					•	
OTHER S	OURCE	(S):			MARP	PAT	136:	36960)2						
GI															

AB The title compds. [I; X=0, S; R1=CF3, CF2H, CFH2; R2=alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R3=H, Me, CF3, F; Q=substituted Ph, 2-thienyl, 3-thienyl] which have plant-protecting properties and are suitable for protecting plants against infestation by

phytopathogenic microorganisms, were prepared Thus, treating 1-methyl-4-trifluoromethylpyrrole-3-carboxylic acid with oxalyl

chloride

in the presence of a catalytic amount of DMF in CH2Cl2 followed by addition of

the resulting acid chloride to a solution of 2-(1,3-dimethylbutyl)phenylamine

and Et3N in CH2Cl2 afforded II. Compds. I showed good activity (< 20%

infestation) against Puccinia recondita (brown rust) on wheat. THERE ARE 5 CITED REFERENCES AVAILABLE REFERENCE COUNT:

FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

CAPLUS COPYRIGHT 2006 ACS on STN L41 ANSWER 8 OF 9

ACCESSION NUMBER: 1999:774191 CAPLUS

DOCUMENT NUMBER: 132:1238

Dihydrofurancarboxanilides and agrochemical TITLE:

microbicides containing them

Yoshikawa, Yukihiro; Tomitani, Kanji; INVENTOR(S):

Takahashi,

Hiroshi; Yanase, Yuji Mitsui Chemicals Inc., Japan PATENT ASSIGNEE(S): Jpn. Kokai Tokkyo Koho, 8 pp. SOURCE:

CODEN: JKXXAF

DOCUMENT TYPE:

Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. DATE	KIND	DATE	APPLICATION NO.				
JP 11335364	A2	19991207	JP 1998-141709				
19980522			. =				
PRIORITY APPLN. INFO.:			JP 1998-141709				
19980522			JF 1330-141703				
		. 122.1220					
OTHER SOURCE(S):	MARPAI	132:1238					
GI							

Agrochem. microbicides contain title compds. I (A = H, Me; B =AB Me, Et; R =

Mé, Et, CF3). 2-(1,3-Dimethylbutyl)aniline was amidated by Me 2,3-dihydrofuran-4-methyl-5-carboxylate (sic) to give 28% I (A =

Me), which (at 100-130 ppm) showed 100% control of Pyricularia oryzae.

Botrytis cinerea, and Sphaerotheca fuliginea. Formulation examples are given.

L41 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

1998:161040 CAPLUS

DOCUMENT NUMBER: TITLE:

128:192648

Preparation of substituted carboxanilide

derivatives

as agrochemical fungicides

Yoshikawa, Yukihiro; Tomiya, Kanji; Tomura,

INVENTOR(S): Naofumi;

Katsuta, Hiroyuki; Takahashi, Osamu; Inami,

Shunichi;

Yanase, Yuji; Kishi, Junro; Kawashima, Hideo Mitsui Toatsu Chemicals, Inc., Japan

SOURCE:

Eur. Pat. Appl., 31 pp.

CODEN: EPXXDW

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION: DATENT NO

PATENT ASSIGNEE(S):

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			
EP 824099	A1	19980218	EP 1997-114124
19970814 EP 824099			
MC, PT,	DE, DK	, ES, FR, GB	, GR, IT, LI, LU, NL, SE,
IE, FI JP 10251240	Α2	19980922	JP 1997-338820
19970313 JP 10310577	A2	19981124	JP 1997-213461
19970807 US 5914344	Α	19990622	us 1997-908187
19970807 CA 2213111	AA	19980215	CA 1997-2213111
19970814 CA 2213111	С	20010320	
ES 2164972 19970814	Т3	20020301	ES 1997-114124
CN 1178791 19970815	Α	19980415	CN 1997-118681
CN 1067063 US 5965774	B A	20010613 19991012	us 1998-150170
19980909 CN 1338452	A	20020306	CN 2000-126258
20000826 PRIORITY APPLN. INFO.:			JP 1996-215724 A
19960815			JP 1997-59106 A
19970313			3. 133. 33100 A

A3

19970807

OTHER SOURCE(S):

MARPAT 128:192648

GI

AB Carboxanilide derivs. I (A = H, Me; B = Me, Et; Het = 1-methyl-3substituted-4-pyrazolyl, 2-methyl-4-substituted-5-triazolyl)

were prepared

I exhibit a disease control effect against Botrytis cinerea,

mildew, Pyricularia oryzae of rice, and other plant diseases.

E.g.,

reaction of 3-trifluoromethyl-1-methyl-4-pyrazolecarbonyl chloride and

2-(1,3-dimethylbutyl)aniline gave 73%

N-[2-(1,3-dimethylbutyl)phenyl]-3-trifluoromethyl-1-methyl-4-pyrazolecarboxamide.

REFERENCE COUNT: THERE ARE 2 CITED REFERENCES AVAILABLE

FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

=> d 141 tot ibib abs hitstr

L41 ANSWER 1 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

2006:577785 ACCESSION NUMBER: CAPLUS

DOCUMENT NUMBER: 145:62881

Preparation of 5-thiazolecarboxamides as TITLE:

agrochemical

fungicides

Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, INVENTOR(S):

Joerg Nico;

Hartmann, Benoit; Gayer, Herbert; Seitz,

Thomas;

Wachendorff-Neumann, Ulrike; Dahmen, Peter;

Kuck,

Karl-Heinz

Bayer Cropscience A.-G., Germany PATENT ASSIGNEE(S):

PCT Int. Appl., 80 pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE:

Patent German

LANGUAGE:

FAMILY ACC. NUM. COUNT: PATENT INFORMATION:

PATENT DATE	NO.			KIN	D	DATE		,	APPL:	ICAT:	ION I	NO.		
					-							,		
WO 2006	0612	15		A2		2006	0615	1	wo 2	005-	EP13	140		
W:	ΑE,	AG,	AL,	AM,	AT,	ΑU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	ΒZ,
CA, CH,	CN,	co,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,
GB, GD,	GE.	GH,	GM,	HR,	HU.	ID,	IL.	IN,	IS.	JP.	KE.	KG.	KM.	KN.
KP, KR,	-	•			•	•	•		·		•			
MW, MX,	KΖ,	LC,	LK,	LK,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,
SD, SE,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,
	SG,	SK,	SL,	SM,	SY,	TJ,	TM,	TN,	TR,	П,	TZ,	UA,	UG,	US,
UZ, VC,			ZA,			CZ	DE	DΚ	cc	EC	СТ	CD.	C P	CB
HU, IE,	Αι,	DE,	ь,	Сп,	CT,	CZ,	DE,	DK,	EE,	ES,	гт,	rk,	GB,	GK,
	IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,
BF, BJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,
BW, GH,	GM.	KE.	LS.	MW .	MZ.	NA,	SD.	SL.	SZ.	TZ.	UG.	7M.	7W.	AM.
AZ, BY,	KG,	KZ,	MD,	RU,	TJ,	ТМ	·		·					,,
DE 10200 20041211	0405	9/25		ΑŢ		2006	0622	l	DE 21	004-:	1020	0405	9/25	
PRIORITY APP	LN.	INFO	.:					ı	DE 20	004-	1020	0405	9725/	4
20041211 OTHER SOURCE	(s):			MAR	PAT	145:	6288	1						
GI														

I

```
Title compds. I [Y = (CH2)s; s = 1-2; X = CR3R4R5, etc.; R1 = H,
alkyl,
     alkylsulfinyl, etc.; L = L1, L2; L1 = F, CL, alkyl, etc.; L2 =
F, CL,
     alkyl, etc.; R2 = H, halo, alkyl, etc.; R3, R4, R5 = halo, alkyl,
     haloalkyl, etc.] were prepared for example, coupling of
thiazol-5-carboxylic acid and 2-(1,3-dimethylbutyl)cyclohexanamine
     afforded thiazolecarboxamide II in 39% yield. In podosphaera
     protection assays, 4-examples of compds. I at 100 g/ha exhibited
100%
     protection after 10-days.
IT
     203448-76-4
     RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of 5-thiazolecarboxamides as agrochem.
fungicides)
     203448-76-4 CAPLUS
RN
     Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)
CN
       Me
        CH-Bu-i
       NH<sub>2</sub>
L41 ANSWER 2 OF 9
                     CAPLUS COPYRIGHT 2006 ACS on STN
                           2005:823684
ACCESSION NUMBER:
                                         CAPLUS
                           143:229713
DOCUMENT NUMBER:
TITLE:
                           Preparation of thienyl-3-carboxamides and
related
                           compounds as microbicides
INVENTOR(S):
                           Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,
Joerg Nico:
                           Hartmann, Benoit; Dahmen, Peter; Kuck,
```

LANGUAGE: German FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

Karl-Heinz:

DOCUMENT TYPE:

SOURCE:

PATENT ASSIGNEE(S):

PATENT NO. KIND DATE APPLICATION NO. DATE

Patent

CODEN: PIXXD2

Wachendorff-Neumann, Ulrike

PCT Int. Appl., 123 pp.

Bayer CropScience Aktiengesellschaft. Germany

```
WO 2005075452
                          Α1
                                 20050818
                                             WO 2005-EP629
20050122
             AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,
CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ,
DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL,
PL, PT,
             RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML,
             MR, NE, SN, TD, TG
     DE 102004005785
                                 20050825
                                             DE 2004-102004005785
20040206
PRIORITY APPLN. INFO.:
                                             DE 2004-102004005785A
20040206
OTHER SOURCE(S):
                         MARPAT 143:229713
GΙ
```

$$A$$
 $CO-N$
 R
 Z
 I
 H_2N
 CH_3
 CH_3
 II
 CH_3
 CH_3

III

Title compds. I [A = 0, S; X = halo; R = H, alkyl,alkylsulfinyl, etc.; Z

= Z1, Z2, Z3, Z4; Z1 = (un)substituted phenyl; Z2 = cycloalkyl, bicycloalkyl; Z3 = (un)substituted alkyl; Z4 = halo, alkylthio, alkylsulfinyl, etc.; M = Ph, thiophenyl, pyridinyl, etc.] were prepared For

example, coupling of phenylamine II and 2-iodothioen-3-carboxylic acid

afforded thienylcarboxamide III in 21% yield. In apple venturia inaequalis protection assays, 37-examples of compds. I at 100 g/ha (sic),

exhibited 89-100% protection after 10-days.

203448-76-4 IT

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of thienylcarboxamides and related compds. as microbicides)

203448-76-4 CAPLUS RN

Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME) CN

REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES

AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

CAPLUS COPYRIGHT 2006 ACS on STN L41 ANSWER 3 OF 9

ACCESSION NUMBER: 2005:409484 CAPLUS

DOCUMENT NUMBER: 142:463761

TITLE: Preparation of pyrazolylcarboxanilides and

related

compounds as microbicide agents

INVENTOR(S): Dunkel, Ralf; Elbe, Hans-Ludwig; Greul,

Joerg Nico;

Hartmann, Benoit; Wachendorff-Neumann.

Ulrike: Dahmen.

Peter; Kuck, Karl-Heinz

PATENT ASSIGNEE(S): Bayer Cropscience Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 84 pp.

CODEN: PIXXD2

DOCUMENT TYPE: **Patent** LANGUAGE: German

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO.

DATE

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wo 2005042492
                                 20050512
                                             WO 2004-EP11394
                          Α1
20041012
             AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ,
CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
SL, SY,
             TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW, AM,
             AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ,
DE, DK,
             EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT,
RO, SE,
             SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE,
             SN, TD, TG
     DE 10349502
                          Α1
                                 20050525
                                             DE 2003-10349502
20031023
     AU 2004285633
                          Α1
                                 20050512
                                             AU 2004-285633
20041012
     CA 2543050
                          AA
                                 20050512
                                             CA 2004-2543050
20041012
     EP 1678141
                          Α1
                                 20060712
                                            EP 2004-765931
20041012
            AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
         R:
             IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK
PRIORITY APPLN. INFO.:
                                             DE 2003-10349502
                                                                  Α
20031023
                                             WO 2004-EP11394
                                                                 W
20041012
OTHER SOURCE(S):
                        MARPAT 142:463761
GI
```

A-CO-N

$$R^{2}$$
 R^{2}
 $R^$

AB Title compds. I [A = substituted pyrazoles, thioles, pyridines, etc.; R1 =

H, alkyl, alkylsulfinyl, etc.; R2 = H, F, Cl, etc.] were prepared For

example, N-acylation of 2-(1,3-dimethylbutyl)phenylamine with

acid
chloride II afforded pyrazolylcarboxanilide III in 70% yield.
In venturia

apple protection assays, 12-examples of compds. I exhibited 88-100%

efficiency at 100 g/ha (sic) application. Compds. I are claimed to be

useful for the controlling of undesired microorganisms.

IT 203448-76-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of pyrazolylcarboxanilides and related compds. as microbicide

agents)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L41 ANSWER 4 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2005:409472 CAPLUS

DOCUMENT NUMBER: 142:463760 Preparation of TITLE:

5-fluoro-1-methyl-3-1H-pyrazoles as

microbicide agents Dunkel, Ralf; Elbe, Hans-Ludwig; Greul, INVENTOR(S): Joerg Nico;

Hartmann, Benoit; Wachendorff-Neumann,

Ulrike; Dahmen,

Peter; Kuck, Karl-Heinz

Bayer Cropscience Aktiengesellschaft, Germany PATENT ASSIGNEE(S):

PCT Int. Appl., 47 pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT NO. DATE	KIND DATE		APPLICATION NO.	
WO 2005042480 20041012	A2	20050512	WO 2004-EP11396	
WO 2005042480	Α3	20050721		
	AM, AT	, AU, AZ,	BA, BB, BG, BR, BW, BY, BZ,	,
CA, CH, CN. CO. CR.	CU. CZ	DE. DK.	DM, DZ, EC, EE, EG, ES, FI,	
GB, GD,				
GE, GH, GM, KZ, LC,	HR, HU	, ID, IL,	IN, IS, JP, KE, KG, KP, KR,	,
	LT, LU	, LV, MA,	MD, MG, MK, MN, MW, MX, MZ,	,
NA, NI,	DC DU	DI DT	DO DU SC SD SE SC SV	
SL, SY,	PG, PH	, PL, PI,	RO, RU, SC, SD, SE, SG, SK,	,
TJ, TM, TN,	TR, TT	TZ, UA,	UG, US, UZ, VC, VN, YU, ZA,	,
ZM, ZW RW: BW. GH. GM.	KE IS	MW MZ	NA, SD, SL, SZ, TZ, UG, ZM,	
ZW, AM,	KL, LJ	, 144, 142,	14A, 3D, 3E, 3E, 12, 00, 2M,	,
	KZ, MD	, RU, TJ,	TM, AT, BE, BG, CH, CY, CZ,	,
DE, DK, EE, ES, FI,	FR. GB	. GR. HU.	IE, IT, LU, MC, NL, PL, PT,	
RO, SE,				-
SI, SK, TR, MR, NE,	BF, BJ	, CF, CG,	CI, CM, GA, GN, GQ, GW, ML,	,
SN, TD, TG				
DE 10349497 20031023	A1	20050525	DE 2003-10349497	

AU 2004285634 20041012	A1	20050512	AU 2004-285634	
CA 2543051	AA	20050512	CA 2004-2543051	
20041012 EP 1678143	Α2	20060712	EP 2004-790292	
20041012 R: AT, BE, CH,	DE, D	K, ES, FR, GI	B, GR, IT, LI, LU, NL	., SE,
MC, PT, IE, SI, FI,	RO, C	Y, TR, BG, C	Z, EE, HU, PL, SK	
PRIORITY APPLN. INFO.: 20031023	·		DE 2003-10349497	Α
20041012			WO 2004-EP11396	W
OTHER SOURCE(S): GI	MARPA	т 142:463760		

$$R^{1}$$
 R^{2}
 R^{2}
 R^{3}
 R^{4}
 R^{2}
 R^{4}
 R^{2}
 R^{3}
 R^{4}
 R^{2}
 R^{3}
 R^{4}
 R^{4}
 R^{2}
 R^{3}
 R^{4}
 R^{4

AB Title compds. I [R1 = CH3, CF3, CF2H; R2 = H, F, Cl, etc.; R3 = H, halo, alkyl, etc.; R4 = alkyl, alkylsulfinyl, alkylsulfonyl, etc.] were prepared For example, N-acetylation of amide II (R4 = H), afforded pyrazolylcarboxanilide II (R4 = COCH3) in 55% yield. In venturia apple protection assays, 2-examples of compds. I exhibited 100% efficiency at 100 g/ha (sic) application. Compds. I are claimed to be useful for the

controlling of undesired microorganisms.

IT 203448-76-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of pyrazolylcarboxanilides as microbicide agents)

203448-76-4 CAPLUS RN

Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME) CN

L41 ANSWER 5 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER:

2004:36643 CAPLUS

DOCUMENT NUMBER:

140:76907

TITLE:

Preparation of phenylbenzamides as

agricultural

funaicides

INVENTOR(S):

Elbe, Hans-Ludwig; Rieck, Heiko; Dunkel,

Ralf:

Reinecke, Paul; Wachendorff-Neumann, Ulrike;

Mauler-Machnik, Astrid; Kuck, Karl-Heinz

PATENT ASSIGNEE(S):

Bayer CropScience AG, Germany Ger. Offen., 20 pp.

SOURCE:

CODEN: GWXXBX

DOCUMENT TYPE:

Patent

LANGUAGE:

German

FAMILY ACC. NUM. COUNT:

PATENT NO.	KIND	DATE	APPLICATION NO.
DATE			
DE 10229595 20020702	A1	20040115	DE 2002-10229595
CA 2491368 20030620	AA	20040115	CA 2003-2491368
wo 2004005242	A1	20040115	WO 2003-EP6512
20030620	AM AT	. ALL A7 DA	DD DC DD DV D7 C4
W: AE, AG, AL, CH, CN,	AM, AI	, AU, AZ, BA	, BB, BG, BR, BY, BZ, CA,
CO, CR, CU,	CZ, DE	, DK, DM, DZ	, EC, EE, ES, FI, GB, GD,
GE, GH,	TD T1	TN TC 10	VE VC VD VD VZ LC
GM, AR, HU, LK, LR,	ID, IL	, IN, IS, JP	, KE, KG, KP, KR, KZ, LC,
	LV, MA	, MD, MG, MK	, MN, MW, MX, MZ, NI, NO,
NZ, OM,			

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PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM,
TN, TR,
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AZ, BY,
             KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
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SK, TR,
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TD, TG
     AU 2003245975
                          Α1
                                 20040123
                                             AU 2003-245975
20030620
                          A1
     EP 1519913
                                 20050406
                                             EP 2003-738073
20030620
         R:
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MC, PT,
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SK
     BR 2003012407
                          Α
                                 20050426
                                             BR 2003-12407
20030620
                                             CN 2003-820812
     CN 1678567
                                 20051005
                          Α
20030620
     JP 2006503809
                          T2
                                 20060202
                                             JP 2004-518548
20030620
     US 2006211771
                          A1
                                 20060921
                                             us 2005-518446
20050920
PRIORITY APPLN. INFO.:
                                             DE 2002-10229595
                                                                  Α
20020702
                                             WO 2003-EP6512
                                                                  W
20030620
OTHER SOURCE(S):
                         MARPAT 140:76907
GI
```

AB Title compds. [I; R1 = CF3, Cl, Br, I; R2 = H, Me], were prepared Thus, a suspension of K2CO3 and MeCN was dropwise treated with 2-(1,3-dimethylbutyl)phenylamine (preparation given) and 2-(trifluoromethyl)benzoyl chloride followed by stirring for 10 h to give 46%
N-[2-(1,3-dimethylbutyl)phenyl]-2-(trifluoromethyl)benzamide. The

latter at 100 g/ha gave 100% control of Sphaerotheca fuliginea. 203448-76-4P, 2-(1,3-Dimethylbutyl)phenylamine

IT

RL: RCT (Reactant); SPN (Synthetic preparation); PREP

(Preparation); RACT (Reactant or reagent)

(preparation of phenylbenzamides as agricultural fungicides)

RN

203448-76-4 CAPLUS Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME) CN

L41 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

2002:927408 CAPLUS ACCESSION NUMBER:

DOCUMENT NUMBER:

138:14057

TITLE:

Preparation of substituted anilide

derivatives as

INVENTOR(S):

agricultural and horticultural chemicals Furuya, Takashi; Yamaguchi, Minoru; Tohnishi,

Masanori; Seo, Akira; Morimoto, Masayuki;

Takemoto,

Tsuyoshi; Fujioka, Shinsuke

PATENT ASSIGNEE(S): Nihon Nohyaku Co., Ltd., Japan

PCT Int. Appl., 78 pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

.....

LANGUAGE:

Japanese

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION: -----

PATENT NO. DATE	KIND	DATE	APPLICATION NO.	
wo 2002096882 20020530	A1	20021205	WO 2002-JP5285	
	AL, AM, AT	, AU, AZ, BA	A, BB, BG, BR, BY,	BZ, CA,
CO, CR,	CU, CZ, DE	, DK, DM, DZ	Z, EC, EE, ES, FI,	GB, GD,
	HU, ID, IL	, IN, IS, KE	E, KG, KR, KZ, LC,	LK, LR,
LS, LT,	MA. MD. MG	. MK. MN. MV	W, MX, MZ, NO, NZ,	OM. PH.
PL, PT,	, ,			
UA, UG,	3D, 3E, 3G	, JI, JN, JI	L, TJ, TM, TN, TR,	11, 12,

US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG CA 2447640 20021205 CA 2002-2447640 AA 20020530 JP 2003048878 A2 20030221 JP 2002-157757 20020530 EP 1400516 Α1 20040324 EP 2002-730796 20020530 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR BR 2002009726 20040420 BR 2002-9726 20020530 CN 1512986 20040714 CN 2002-810844 Α 20020530 RU 2266285 **C2** 20051220 RU 2003-134631 20020530 ZA 2003008813 20041123 ZA 2003-8813 Α 20031112 US 2004116744 Α1 20040617 US 2003-478834 20031126 PRIORITY APPLN. INFO.: JP 2001-164787 20010531 WO 2002-JP5285 20020530 OTHER SOURCE(S): MARPAT 138:14057 GI

$$Q = \begin{pmatrix} R^1 \\ X \end{pmatrix}$$

$$Q^1 = \begin{pmatrix} N \\ M \end{pmatrix}$$

$$Q^1 = \begin{pmatrix} N \\ M \end{pmatrix}$$

$$Q = \begin{pmatrix} N \\ M \end{pmatrix}$$

$$Q = \begin{pmatrix} N \\ M \end{pmatrix}$$

$$Q = \begin{pmatrix} N \\ M \end{pmatrix}$$

AB The title compds. I [R1 is hydrogen, C1-6 alkyl, C1-6 haloalkyl, or the like; A is (CR2R3)p; R2 is hydrogen, halogeno, or C1-6 haloalkyl; R3 is hydrogen, halogeno, C1-6 alkyl, or the like; p is 0 or 1; m is

an integer of 0 to 6; when p is 0, X is C2-8 alkyl, C1-8 alkoxy, or the like. while

when p is 1, X is halogeno, cyano, or the like; n is an integer of 1 to 4:

Z is O or S; and Q is Q1, etc.; Y2 is halo, etc.] are prepared Aniline

intermediates for I are disclosed. I are useful as insecticides, acaricides, and fungicides. Compds. of this invention at 500 ppm gave

≥ 90% control of Tetranychus urticae.

IT 203448-76-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of substituted anilide derivs. as insecticides, acaricides, and

fungicides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE

FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2006 ACS ON STN

ACCESSION NUMBER:

2002:368451 CAPLUS

DOCUMENT NUMBER:

136:369602

TITLE:

Preparation of pyrrolecarboxamides and pyrrolecarbothioamides as agrochemical

fungicides

INVENTOR(S):

Walter, Harald

PATENT ASSIGNEE(S):

Syngenta Participations A.-G., Switz.

SOURCE:

PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE:

Patent

1

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

DATE	PATENT NO.	KIND	DATE	APPLICATION NO.
	DATELIT NO	1/2010	D 4 TT	4.001.004.004.044

WO 2002038542 A1 20020516 WO 2001-EP12830

20011106

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

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CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD,
GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ,
PH, PL,
             PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ,
UA, UG,
             US, UZ, VN, YU, ZA, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE,
CH. CY.
             DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
TG
     CA 2426033
                           AA
                                 20020516
                                             CA 2001-2426033
20011106
     AU 2002023668
                          Α5
                                 20020521
                                             AU 2002-23668
20011106
     EP 1341757
                          A1
                                 20030910
                                             EP 2001-993599
20011106
     EP 1341757
                           В1
                                 20060920
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE,
MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
     BR 2001015200
                                 20040217
                                             BR 2001-15200
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20011106
     EG 23122
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                                             EG 2001-1173
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20011106
     JP 2004513163
                          T2
                                 20040430
                                             JP 2002-541078
20011106
     ZA 2003003012
                                 20040520
                                             ZA 2003-3012
                          Α
20030416
                                             US 2003-416219
     US 2005119130
                                 20050602
                          A1
20030905
     US 7105565
                           B2
                                 20060912
     us 2006189676
                                             us 2006-380735
                          A1
                                 20060824
20060428
PRIORITY APPLN. INFO.:
                                             GB 2000-27284
                                                                  Α
20001108
                                             GB 2000-30268
                                                                  Α
20001212
                                             WO 2001-EP12830
20011106
                                             US 2003-416219
                                                                  A3
20030905
                         MARPAT 136:369602
OTHER SOURCE(S):
GI
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The title compds. [I; X = 0, S; R1 = CF3, CF2H, CFH2; R2 = alkyl, haloalkyl, alkoxyalkyl, haloalkoxyalkyl; R3 = H, Me, CF3, F; Q = substituted Ph, 2-thienyl, 3-thienyl] which have plant-protectingAB properties and are suitable for protecting plants against infestation by

phytopathogenic microorganisms, were prepared Thus, treating 1-methyl-4-trifluoromethylpyrrole-3-carboxylic acid with oxalyl

chloride

in the presence of a catalytic amount of DMF in CH2Cl2 followed by addition of

the resulting acid chloride to a solution of

2-(1,3-dimethylbutyl)phenylamine

and Et3N in CH2C12 afforded II. Compds. I showed good activity (< 20%

infestation) against Puccinia recondita (brown rust) on wheat.

203448-76-4, 2-(1,3-Dimethylbutyl)phenylamineIT

RL: RCT (Reactant); RACT (Reactant or reagent) (preparation of pyrrolecarboxamides and

pyrrolecarbothioamides as agrochem.

fungicides)

203448-76-4 CAPLUS RN

Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME) CN

REFERENCE COUNT:

5 THERE ARE 5 CITED REFERENCES AVAILABLE

FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L41 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1999:774191 CAPLUS

DOCUMENT NUMBER: 132:1238 10/518,446

TITLE:

Dihydrofurancarboxanilides and agrochemical

microbicides containing them

INVENTOR(S):

Yoshikawa, Yukihiro; Tomitani, Kanji;

Takahashi,

Hiroshi; Yanase, Yuji

PATENT ASSIGNEE(S): SOURCE:

Mitsui Chemicals Inc., Japan Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DOCUMENT TYPE:

Patent

LANGUAGE:

Japanese

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

PATENT NO. DATE	KIND	DATE	APPLICATION NO.
JP 11335364 19980522 PRIORITY APPLN. INFO.: 19980522	A2	19991207	JP 1998-141709 JP 1998-141709
OTHER SOURCE(S): GI	MARPAT	132:1238	

AB Agrochem. microbicides contain title compds. I (A = H, Me; B = Me, Et; R =

Me, Et, CF3). 2-(1,3-Dimethylbutyl)aniline was amidated by Me 2,3-dihydrofuran-4-methyl-5-carboxylate (sic) to give 28% I (A = B = R =

Me), which (at 100-130 ppm) showed 100% control of Pyricularia oryzae,

Botrytis cinerea, and Sphaerotheca fuliginea. Formulation examples are

given. IT 203448-76-4

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of dihydrofurancarboxanilides as agrochem.
microbicides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)

L41 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1998:161040 CAPLUS

DOCUMENT NUMBER: 128:192648

Preparation of substituted carboxanilide TITLE:

derivatives

as agrochemical fungicides Yoshikawa, Yukihiro; Tomiya, Kanji; Tomura, INVENTOR(S):

Naofumi;

Katsuta, Hiroyuki; Takahashi, Osamu; Inami,

Shunichi;

Yanase, Yuji; Kishi, Junro; Kawashima, Hideo Mitsui Toatsu Chemicals, Inc., Japan

PATENT ASSIGNEE(S):

Eur. Pat. Appl., 31 pp. SOURCE:

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT NO. DATE	KIND	DATE	APPLICATION NO.
EP 824099 19970814	A1	19980218	EP 1997-114124
EP 824099	р1	20011107	
			, GR, IT, LI, LU, NL, SE,
MC, PT,			
IE, FI			
JP 10251240	A2	19980922	JP 1997-338820
19970313	^_	15500522	31 1337 330020
JP 10310577	A2	19981124	JP 1997-213461
	AZ	1990114	JP 1997-213401
19970807		10000633	ue 1007 000107
US 5914344	Α	19990622	us 1997-908187
19970807			
CA 2213111	AA	19980215	CA 1997-2213111
19970814			
CA 2213111	C	20010320	
ES 2164972	т3	20020301	ES 1997-114124
19970814	. 5	20020302	
CN 1178791	Α	19980415	CN 1997-118681
19970815	^	13300413	CN 1337-110001
	ъ	20010612	
CN 1067063	В	20010613	1000 150170
US 5965774	Α	19991012	us 1998-150170
19980909			

CN 1338452 20020306 CN 2000-126258 Α 20000826 PRIORITY APPLN. INFO.: JP 1996-215724 Α 19960815 JP 1997-59106 Α 19970313 us 1997-908187 **A3** 19970807 OTHER SOURCE(S): MARPAT 128:192648 GI

AB Carboxanilide derivs. I (A = H, Me; B = Me, Et; Het = 1-methyl-3-substituted-4-pyrazolyl, 2-methyl-4-substituted-5-triazolyl) were prepared

I exhibit a disease control effect against Botrytis cinerea, powdery

mildew, Pyricularia oryzae of rice, and other plant diseases.

E.g.,

reaction of 3-trifluoromethyl-1-methyl-4-pyrazolecarbonyl chloride and

2-(1,3-dimethylbutyl)aniline gave 73%

N-[2-(1,3-dimethy]buty])phenyl]-3-

trifluoromethyl-1-methyl-4-pyrazolecarboxamide.

IT 203448-76-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP
(Preparation); RACT

(Reactant or reagent)

(preparation and agrochem. fungicidal activity of carboxanilides)

RN 203448-76-4 CAPLUS

CN Benzenamine, 2-(1,3-dimethylbutyl)- (9CI) (CA INDEX NAME)

10/518,446

REFERENCE COUNT:

FOR THIS

RE FORMAT

THERE ARE 2 CITED REFERENCES AVAILABLE

RECORD. ALL CITATIONS AVAILABLE IN THE